

Enabling us to give you a perfect solution please fill in the following items.

Our fax number +41 (0)52-338 17 33
or scan and mail to info@stamixco.com. We contact you immediately.

Injection Moulding Mixing Nozzle SMN

Technical Data sheet for Mixer Dimensioning

1. YOUR COMPANY INFORMATION

Name			Date
Phone			Fax
E-Mail			
Company			Street
Zip-Code	City		Country

2. BENEFITS DESIRED

Reduced Spots	
Reduced Colorant Usage	
Reduced Reject Rates	
Less Part Distortion	
Improved Part Quality when using Regrind Material	
Shorter Cycle Times	
Improved Melt Flow	
Hot Runners	

3. REQUEST FOR QUOTATION

General Information	
Budgetary Quotation Request	
Project in Planning	
Specification for Purchase	
Other	
SMN Static Mixer only	
Complete SMN Mixing Nozzle ***	
***If YES please fill in Spec Sheet	

4. POLYMER DATA

Material *		
Manufacturer		
MFI *	g/10 min.	
	at ° C	
	kg	
Viscosity **	Pa s	
** Please provide Flow curve (viscosity = f (shear rate))		

5. INJECTION MOULDING PROCESSING CONDITIONS

Screw Diameter:	[mm]	
L/D of Screw	[-]	
Shot Weight *	[g]	
Injection Time without cooling**	[s]	
Max. Injection Pressure *	[bar]	
Clamping Force	[kN]	
Max. Pressure of Hydraulic Unit		
Melt Temperature *	[°C]	
Type of Machine		
Machine Manufacturer		
Other Information		

* indispensable data



6. REMARKS, COMMENTS, SPECIAL REQUIREMENTS, SKETCH

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Inquiry sheet for Injection Moulding solutions

BENEFITS

- Reduced spots, streaks and clouds of color
- Reduced colorant usage (up to 30% less)
- Narrower part tolerance of final parts
- Reduced reject rates
- Less part distortion
- Less part weight variation
- Improved part quality when using regrind material and increased use of regrind
- Shorter cycle times
- Improved surface and mechanical properties
- Blended thermal degradation products (i.e., PET)
- Improved melt flow, uniform filling of multi-cavity moulds
- Expanded operating range of older machines

